

Title (en)
Reinforced flexible access assembly

Title (de)
Verstärkte flexible Zugriffsanordnung

Title (fr)
Ensemble d'accès flexible renforcé

Publication
EP 2455024 A1 20120523 (EN)

Application
EP 11250792 A 20110914

Priority
• US 41651710 P 20101123
• US 201113224358 A 20110902

Abstract (en)
A reinforced access assembly is provided. The access assembly includes a compressible body having proximal and distal ends and a substantially hourglass-shaped central portion extending therebetween. The compressible body defining at least a first lumen configured to receive an instrument in a sealing manner. The access assembly further includes a reinforcing mechanism extending between the proximal and distal ends of the compressible body. The reinforcing mechanism includes a plurality of rib members configured to permit compression of the compressible body during insertion into an incision and return the compressible body to an uncompressed condition following insertion.

IPC 8 full level
A61B 17/34 (2006.01)

CPC (source: EP US)
A61B 17/3423 (2013.01 - EP US); **A61B 2017/3445** (2013.01 - EP US)

Citation (search report)
• [XY] EP 2226025 A1 20100908 - ETHICON ENDO SURGERY INC [US]
• [X] US 2010280326 A1 20101104 - HESS CHRISTOPHER J [US], et al
• [XP] US 2011054260 A1 20110303 - ALBRECHT JEREMY J [US], et al
• [X] US 2004054353 A1 20040318 - TAYLOR SCOTT [US]
• [Y] CA 2702419 A1 20101119 - TYCO HEALTHCARE [US]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2455024 A1 20120523; EP 2455024 B1 20150909; AU 2011223990 A1 20120607; CA 2752076 A1 20120523; JP 2012110678 A 20120614; US 2012130183 A1 20120524; US 9022926 B2 20150505

DOCDB simple family (application)
EP 11250792 A 20110914; AU 2011223990 A 20110912; CA 2752076 A 20110912; JP 2011199481 A 20110913; US 201113224358 A 20110902